STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM
1101 RIVERSIDE DRIVE, P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102-0176

EMISSIONS INVENTORY QUESTIONNAIRE (EIQ)

FORM 2.1 FUEL COMBUSTION WORKSHEET

FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA

POINT NO.	SOURCE CLASSIFICATION CODE (SCC)	SEG. NO.

[1] COMBUSTION EQUIPMENT INFORMATION

COAL FIRING CODE LIST	EQUIPMENT DESCRIPTION	YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEFT)	MAXIMUM DESIGN RATE (MILLION BTU/HR)
1. TANGENTIAL				
2 OPPOSED				
3 FRONT				
4 DRY/WET BOTTOM				
OTHER (PLEASE SPECIFY):				
	SUM OF TOTAL MAXIMUM HOURLY DESIGN RATES			

COMBUSTION EQUIPMENT USE (CHECK ONE)

☐ ELECTRIC POWER GENERATION ☐ INDUSTRIAL USE ☐ COMMERCIAL/INSTITUTIONAL ☐ SPACE HEATING
☐ OTHER (**SPECIFY**):

COMBUSTION EQUIPMENT CATEGORY – COAL USE ONLY (CHECK ONE)

☐ PULVERIZED COAL ☐ PULVERIZED COAL DRY BOTTOM ☐ PULVERIZED COAL WET BOTTOM ☐ CYCLONE
☐ FLUIDIZED BED ☐ SPREADER STOKER ☐ OVERFEED STOKER ☐ UNDERFEED STOKER
☐ HAND FIRED ☐ OTHER (**SPECIFY**):

[2] FUEL INFORMATION (CHECK ONLY ONE)

LIQUID FUELS	GASEOUS FUELS	SOLID FUELS	OTHER
☐ ETHANOL	☐ BLAST FURNACE GAS	☐ ANTHRACITE COAL	☐ OTHER (**SPECIFY**)
☐ FUEL OIL 1-4 (DISTILLATE)	☐ COKE OVEN GAS	☐ BAGASSE	
☐ FUEL OIL 5-6 (RESIDUAL)	☐ LIQUID PROPANE GAS (LPG)	☐ BARK	
☐ GASOLINE	☐ NATURAL GAS	☐ BITUMINOUS COAL	
☐ KEROSENE		☐ COKE	
		☐ LIGNITE	
		☐ SUBBITUMINOUS COAL	
		☐ WOOD	

FUEL TOTALS AND WEIGHTED AVERAGES

TOTAL ANNUAL THROUGHPUT	UNITS	TOTAL % SULFUR BY WT AS RECEIVED*	TOTAL % ASH BY WT AS RECEIVED*	TOTAL HEAT CONTENT (BTU/FUEL UNIT)

*Attach a copy of the current supplier statement verifying percentage of sulfur and ash contents of the fuel.

[3] CALCULATIONS OF MAXIMUM HOURLY DESIGN RATE

1.	Convert the Heat Content units from BTU per Fuel Unit to Million of BTU per Fuel Unit by dividing the BTU figure by 1,000,000.	
2.	{Maximum Design Rate In Million BTU/Hr} / {Heat Content In Miillion BTU/Fuel Unit}	=

Enter the total ANNUAL THROUGHPUT and total MAXIMUM HOURLY DESIGN RATE into Section 2 of Form 2.0.
Enter the weighted average for the percent ASH/SULFUR in the SOx, PM10 and PM2.5 Boxes located in Section 3, Block 9 of form 2.0.